

SUBJECT:
PROPOSED CROSSING FOR DIRECTIONAL HORNS

LOCATION: (Station, Line Segment, Mile Post)
MUNDELEIN, IL. (PARK ST.)



ENGINEERING DEPARTMENT
1625 DEPOT STREET
STEVENS POINT, WI 54481
PHONE: (715) 345-2500
FAX: (715) 345-2507

REVISED BY: DATE:

☐ PRELIMINARY PLAN - SURVEY REQUIRED
☐ PRELIMINARY PLAN - SURVEY COMPLETED
☒ FINAL PLAN

WORK ORDER: 75-080-19 SCALE: 1" = 100'

DRAWN BY: JHK DATE: 10/26/99

FILE LOCATION: F:\MUN\BLA\0005 2-000\PLAN.DWG

ELSI 1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60

STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT SURVEY FORM

RR/Line Wisconsin Central Milepost 40.10 M Inventory # 689 705W
City Mundelein Street Maple St (Ill. Rte 176) County Lake
Jurisdiction IDOT Urban X Rural Commercial X Residential X
Street Surface Asphalt Width 26' Condition Good
Angle 65° Tracks Tangent Yes Degree of Curve 1° Superelevation 1"
Depth of Cut Height of Fill

Crossing Surface

Track Centers	Elevation	Track	Type	Width	Condition
		<u>Main 1</u>	<u>Rubber</u>	<u>74'</u>	<u>Good</u>
		<u>Main 2</u>	<u>Rubber</u>	<u>69'</u>	<u>Fair</u>

58' East to Jeanette St.
Intersecting Roads 100' 145' west to Seymour St 200' 370' west to U.S. Rte 45
Traffic Control Devices Present Traffic signals at intersection of Ill Rte. 176/US Rte 45
ADT 19,700 Speed 30 mph Statewide Yes
Schoolbuses Hazardous Materials Other
Rail Traffic: Ft. 38 @ 50 mph Pass. 10 @ 60 mph Switch No
Simultaneous Movements Yes Daylight and Dark Yes
Present Protection Automatic flashing light signals and gates with bell
Advance Warning Signs Yes Pavement Marking Yes

Visibility Study

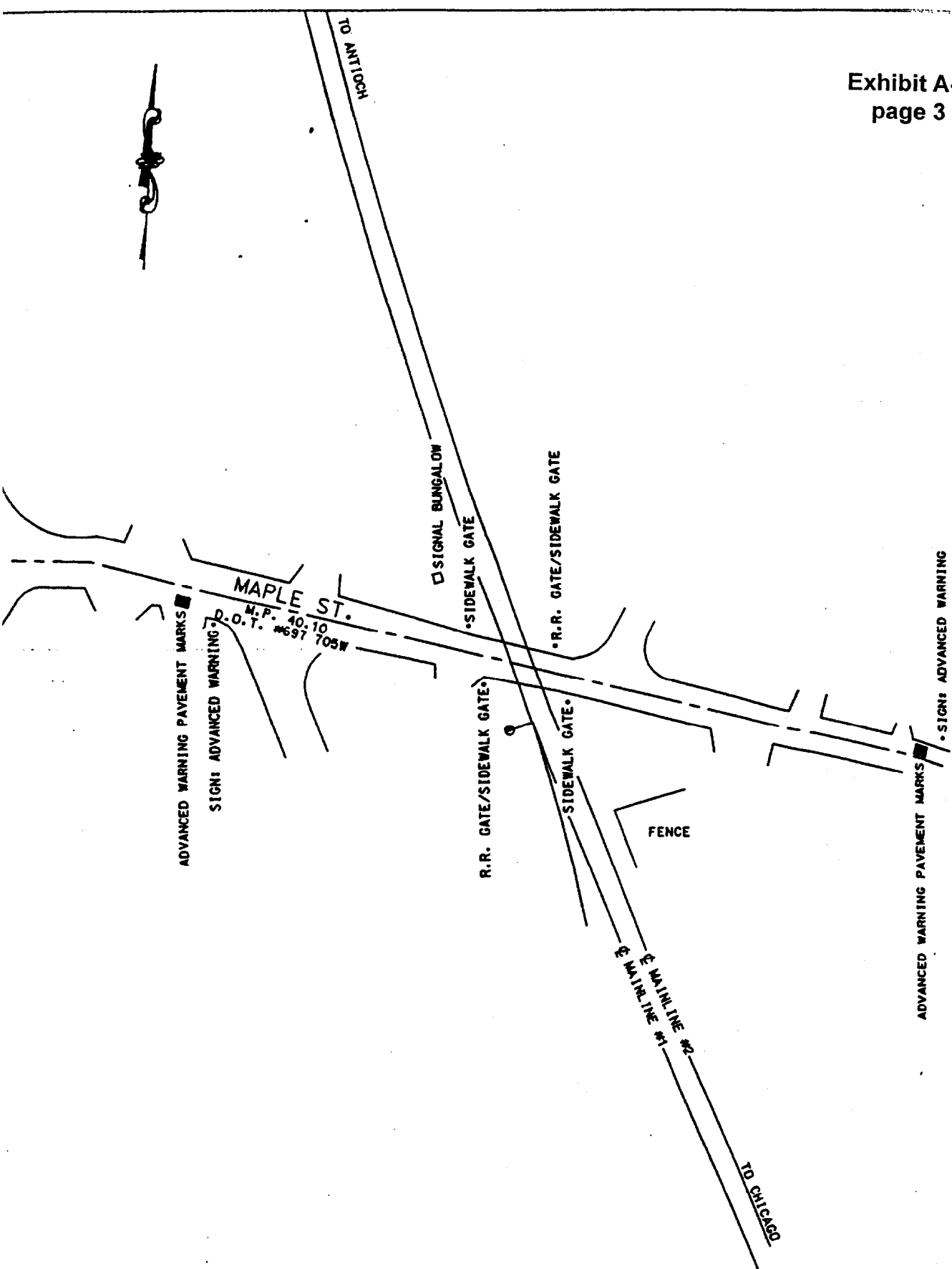
Quad	Clearing Visibility	Obstruction	Stopping Visibility	Obstruction
NE				
NW				
SE				
SW				

Approach Grades

East/North	*	'	%	'	%	'	%
West/South	*	'	%	'	%	'	%

* meets the requirements of 92 Ill. Adm. Code 1535.204

Comments: Left turns from Ill. Rte. 176 onto Jeanette. east bound traffic can cause vehicles to become stopped onto crossing at high volume traffic periods. State two-lane roadway in residential and business area. See Exhibit A-1 for particulars on the AHS project.



<p>ECT: PROPOSED CROSSING FOR DIRECTIONAL HORNS</p> <p>TION: (Station, Line Segment, Mile Post) MUNDELEIN, IL. (MAPLE ST.)</p>	 <p>ENGINEERING DEPARTMENT 1625 DEPOT STREET STEVENS POINT, WI 54481 PHONE: (715) 345-2580 FAX: (715) 345-2587</p>	<table border="1"> <tr> <td>REVISED BY:</td> <td>DATE:</td> <td rowspan="3"> <input type="checkbox"/> PRELIMINARY PLAN - SURVEY REQUIRED <input type="checkbox"/> PRELIMINARY PLAN - SURVEY COMPLETED <input checked="" type="checkbox"/> FINAL PLAN </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td colspan="2"> <p>WORK ORDER: 75-079-19</p> </td> <td>SCALE: 1" = 100'</td> </tr> <tr> <td colspan="2"> <p>DRAWN BY: JHK</p> </td> <td>DATE: 10/26/99</td> </tr> <tr> <td colspan="3"> <p>FILE LOCATION: S:\HW\BLS\BLS 2-DRAW\BLS 2-D</p> </td> </tr> </table>	REVISED BY:	DATE:	<input type="checkbox"/> PRELIMINARY PLAN - SURVEY REQUIRED <input type="checkbox"/> PRELIMINARY PLAN - SURVEY COMPLETED <input checked="" type="checkbox"/> FINAL PLAN					<p>WORK ORDER: 75-079-19</p>		SCALE: 1" = 100'	<p>DRAWN BY: JHK</p>		DATE: 10/26/99	<p>FILE LOCATION: S:\HW\BLS\BLS 2-DRAW\BLS 2-D</p>		
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STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT SURVEY FORM

RR/Line Wisconsin Central Milepost 40.85 M Inventory # 689 707K

City Mundelein Street Dunbar Road County Lake

Jurisdiction Mundelein Urban X Rural Commercial Residential X

Street Surface Asphalt Width 23' Condition Fair

Angle 85° Tracks Tangent Degree of Curve Superelevation

Depth of Cut Height of Fill

Crossing Surface

Track Centers	Elevation	Track	Type	Width	Condition
		<u>Main</u>	<u>Timber/ Asphalt</u>	<u>43'</u>	<u>Fair</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Intersecting Roads 100' 56' east to U.S. Rte 45 200' 190' west to Banbury St.

Traffic Control Devices Present Traffic signals at intersection of Dunbar Rd/US Rte 45

ADT 1,433 Speed 25 mph Statewide Yes

Schoolbuses Hazardous Materials Other

Rail Traffic: Ft. 38 @ 50 mph Pass. 10 @ 60 mph Switch No

Simultaneous Movements Yes Daylight and Dark Yes

Present Protection Automatic flashing light signals and gates with bell/no left turn signal for northbound traffic on US. Rte 45.

Advance Warning Signs Yes Pavement Marking Yes

Visibility Study

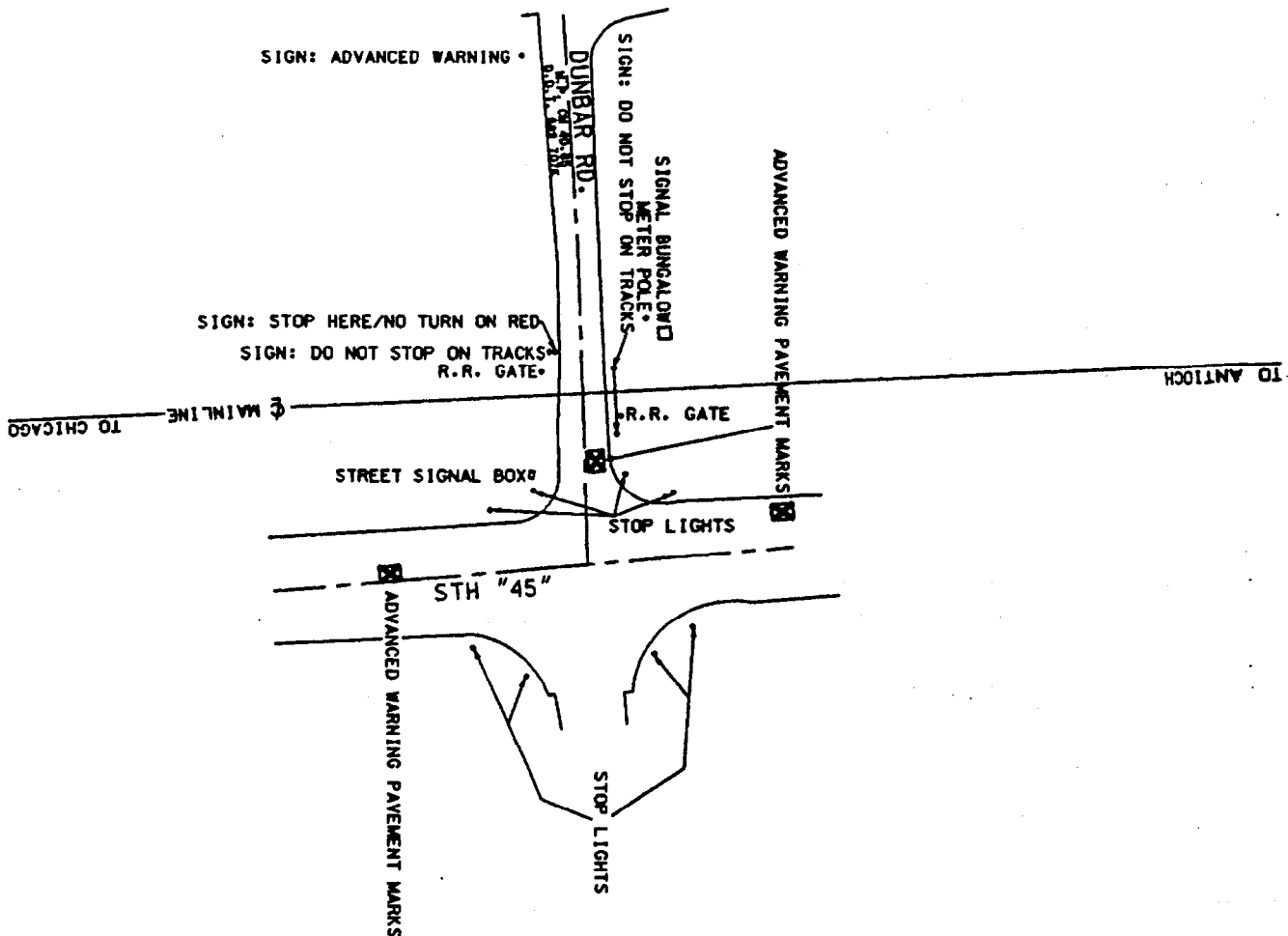
Quad	Clearing Visibility	Obstruction	Stopping Visibility	Obstruction
NE				
NW				
SE				
SW				

Approach Grades

		Percentage of Total		Percentage of Total	
East/North	*	%	%	%	%
West/South	*	%	%	%	%

* meets the requirements of 92 Ill. Adm. Code 1535.204

Comments: Crossing has specialized roadway markings due to limited area between the crossing and US Rte 45. Drivers are required to stop for red traffic signal at US Rte.45/Dunbar intersection west of the crossing until the light sequences to green. See Exhibit A-1 for particulars on the AHS project.



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MUNDELEIN, IL. (DUNBAR RD.)



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FILE LOCATION: D:\AMR\ALL SUBJECTS 20-0000\ORIGINAL-PH

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STATE OF ILLINOIS
ILLINOIS COMMERCE COMMISSION
STIPULATED AGREEMENT SURVEY FORM

RR/Line Wisconsin Central Milepost 41.78 M Inventory # 689 709Y
City Libertyville Street Winchester Road County Lake
Jurisdiction Lake County Urban X Rural Commercial X Residential X
Street Surface Asphalt Width 43' Condition Good
Angle 85° Tracks Tangent Degree of Curve Superelevation
Depth of Cut Height of Fill

Crossing Surface

Track Centers	Elevation	Track	Type	Width	Condition
		<u>Main</u>	<u>Timber/ Asphalt</u>	<u>45'</u>	<u>Fair</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Intersecting Roads 100' 50' east to U.S. Rte 45 200'

Traffic Control Devices Present Traffic signals at intersection of Winchester Rd/US Rte 45 intersection.

ADT 6,670 Speed 55 mph Statewide Yes

Schoolbuses Hazardous Materials Other

Rail Traffic: Ft. 38 @ 50 mph Pass. 10 @ 60 mph Switch No

Simultaneous Movements Yes Daylight and Dark Yes

Present Protection Automatic flashing light signals and gates with bell/no left turn signal for northbound traffic on US. Rte 45.

Advance Warning Signs Yes Pavement Marking Yes

Visibility Study

Quad	Clearing Visibility	Obstruction	Stopping Visibility	Obstruction
NE	_____	_____	_____	_____
NW	_____	_____	_____	_____
SE	_____	_____	_____	_____
SW	_____	_____	_____	_____

Approach Grades

East/North	*	'	%	'	%	'	%
West/South	*	'	%	'	%	'	%

* meets the requirements of 92 Ill. Adm. Code 1535.204

Comments: Good visibility on Winchester Road, with a slight incline to the crossing for eastbound traffic. This is a county, two lane highway in a commercial area adjacent to residential neighborhoods. See Exhibit A-1 for particulars on the AHS project.